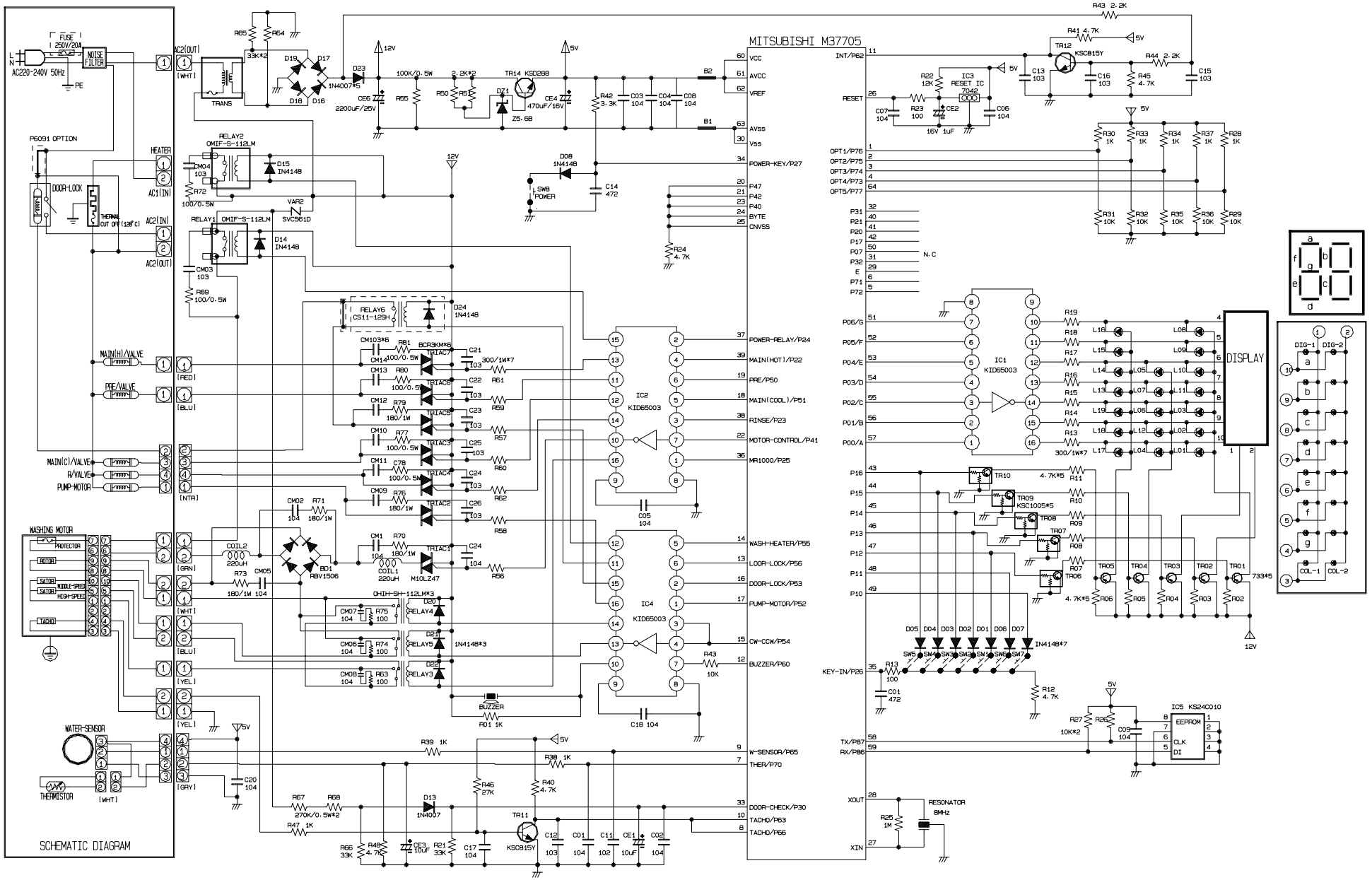11-1. PCB CIRCUIT DIAGRAM